

L Number	Hits	Search Text	DB	Time stamp
1	988	(502/226,226,231).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:15
2	142	((502/226,226,231).CCLS.) and (copper or cu or cupric)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:15
3	94	((502/226,226,231).CCLS.) and (copper or cu or cupric)) and (magnesium or mg)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:15
4	66	((502/226,226,231).CCLS.) and (copper or cu or cupric)) and (magnesium or mg)) and ((support or carrier) same alumin\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:16
5	28	(((502/226,226,231).CCLS.) and (copper or cu or cupric)) and (magnesium or mg)) and ((support or carrier) same alumin\$2)) and (activator or promoter or modifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:16
-	11797	catalyst same ((copper or cu) and (magnesium or mg))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:39
-	274113	(support\$3 or carrier or substrate) same alumin\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:40
-	5085	(catalyst same ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier or substrate) same alumin\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:40
-	6534	(activator or modifier or promoter) same (alkali adj metal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:41
-	348	((catalyst same ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier or substrate) same alumin\$2)) and ((activator or modifier or promoter) same (alkali adj metal)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:43
-	1	(((catalyst same ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier or substrate) same alumin\$2)) and ((activator or modifier or promoter) same (alkali adj metal))) and (ratio near10 (magnesium or copper or mg or cu))) and (oxychlorinat\$3 near10 (ethylene or ethene)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:54
-	1	(((catalyst same ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier or substrate) same alumin\$2)) and ((activator or modifier or promoter) same (alkali adj metal))) and (oxychlorinat\$3 near10 (ethylene or ethene)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:46
-	1	(((catalyst same ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier or substrate) same alumin\$2)) and ((activator or modifier or promoter) same (alkali adj metal))) and (oxychlorinat\$3 near5 (ethylene or ethene)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:46
-	1	(((catalyst same ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier or substrate) same alumin\$2)) and ((activator or modifier or promoter) same (alkali adj metal))) and (oxychlorinat\$3 near5 ethylene))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:46
-	57	(((catalyst same ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier or substrate) same alumin\$2)) and ((activator or modifier or promoter) same (alkali adj metal))) and (ratio near10 (magnesium or copper or mg or cu)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:53

	570778	(copper or cu) and (magnesium or mg)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:54
	32880	((support\$3 or carrier or substrate) same alumin\$2) and ((copper or cu) and (magnesium or mg))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:54
	543	((activator or modifier or promoter) same (alkali adj metal)) and (((support\$3 or carrier or substrate) same alumin\$2) and ((copper or cu) and (magnesium or mg)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:54
	2	(((activator or modifier or promoter) same (alkali adj metal)) and (((support\$3 or carrier or substrate) same alumin\$2) and ((copper or cu) and (magnesium or mg)))) and (oxychlorinat\$3 near10 (ethylene or ethene))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:56
	9	(((activator or modifier or promoter) same (alkali adj metal)) and (((support\$3 or carrier or substrate) same alumin\$2) and ((copper or cu) and (magnesium or mg)))) and oxychlorinat\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/09 10:56
	44331	(ethylene adj dichloride) or dichloroethane	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 09:51
	637	((ethylene adj dichloride) or dichloroethane) and (catalyst same (copper and magnesium))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:02
	292	(((ethylene adj dichloride) or dichloroethane) and (catalyst same (copper and magnesium))) and ((support\$3 or carrier) same alumin\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:05
	31	((((ethylene adj dichloride) or dichloroethane) and (catalyst same (copper and magnesium))) and ((support\$3 or carrier) same alumin\$2)) and ((modifier or promoter or activator) same alkali)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:06
	69	(570/203).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:02
	3	((570/203).CCLS.) and (catalyst same (copper and magnesium))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:05
	570909	(copper or cu) and (magnesium or mg)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:05
	9701	((ethylene adj dichloride) or dichloroethane) and ((copper or cu) and (magnesium or mg))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:05
	2014	(((ethylene adj dichloride) or dichloroethane) and ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier) same alumin\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:05
	71	((((ethylene adj dichloride) or dichloroethane) and ((copper or cu) and (magnesium or mg))) and ((support\$3 or carrier) same alumin\$2)) and ((modifier or promoter or activator) same alkali)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/11 10:08



Enter a Chemical Name, CAS Number, Molecular Formula or Weight.  
Use \* for partial names (e.g. ben\*).  
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### 1,2-Dichloroethane [107-06-2]

Synonyms: 1,2-Dichloroethane; 1,2-DCE; 1,2-Ethylene dichloride; 1,2-Ethylidene dichloride; 2-Dichloroethane; alpha, beta-dichloroethane; dichloremulsion; Dichloroethane, 1,2- ; di-chlor-mulsion; borer sol; Brocide; destruxol borer-sol; Dutch liquid; Dutch oil; EDC; Ethane dichloride; Ethylene dichloride; Ethylene chloride; Freon 150; glycol dichloride; sym-dichloroethane;

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Formula	$\text{C}_2\text{H}_4\text{Cl}_2$	Molecular Weight	98.9596
CAS RN	107-06-2	Melting Point (°C)	-35.3
ACX Number	X1000031-6	Boiling Point (°C)	83.5
Density	1.253	Vapor Density	3.4
Refractive Index	1.4448	Vapor Pressure	62
Evaporation Rate	6.5	Water Solubility	Slightly soluble. 0.8608 g/100 mL
Flash Point (°C)	13	EPA Code	K019; K020; K029; U077; D028
DOT Number	UN 1184 Flammable liquid	RTECS	KI0525000
Comments	Clear liquid with a sweet odor like chloroform. Solvent and wetting agent.		

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